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Substitute for form 1448A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	TBA
Filing Date	September 26, 2003
First Named Inventor	CHKODROV et al.
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	003797.00623

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
A	1.	5,318,780	06/07/1994	Catino et al.	
B	2.	5,537,589	07/16/1998	Dalai	
C	3.	5,713,020	01/27/1998	Reiter et al.	
D	4.	5,781,896	07/14/1998	Dalai	
E	5.	5,822,751	10/13/1998	Gray et al.	
F	6.	5,905,985	05/18/1999	Malloy et al.	
G	7.	5,926,818	07/20/1999	Malloy	
H	8.	5,940,818	08/17/1999	Malloy et al.	
I	9.	5,943,668	08/24/1999	Malloy et al.	
J	10.	5,978,798	11/02/1999	Malloy et al.	
K	11.	6,064,999	05/16/2000	Dalai	
L	12.	6,122,636	09/19/2000	Malloy et al.	
M	13.	6,205,447 B1	03/20/2001	Malloy	
N	14.	6,374,263 B1	04/16/2002	Bunger et al.	
O	15.	6,430,565 B1	08/06/2002	Berger et al.	
P	16.	6,438,537 B1	08/20/2002	Netz et al.	
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R	18.	6,502,088 B2	12/31/2002	Pratt	
S	19.	6,516,322 B1	02/04/2003	Meredith	
T	20.	6,542,895 B1	04/01/2003	DeKimpe et al.	
U	21.	6,546,395 B1	04/08/2003	DeKimpe et al.	
V	22.	6,584,653 B2	07/15/2003	Colby et al.	
W	23.	6,598,079 B1	07/22/2003	Pal et al.	
X	24.	6,603,839 B1	08/05/2003	Smith, Jr., et al.	

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
A	25.	Stefano Ceri et al., "Deriving Production Rules for Incremental View Maintenance," <i>Proc. Of 1991 VLDB Conference</i> , pp. 577-589, 1991.	
B	26.	D. Gavlas et al., "Enabling Mobile Agent Technology for Intelligent Bulk Management Data Filtering," <i>IEEE</i> , 2000 pp. 623-636, 2000.	
C	27.	D.L. Giles, "Usage Measurement in Support of Billing for Connectionless Data Services," <i>Bell Communications Research, Inc.</i> , 17.4-1 - 174-10, 1990.	
D	28.	G.M.E. Lafue, "Integrating language and database for CAD applications," <i>Computer Aided Design</i> , Vol. 11, No. 3, pp. 127-130, May 1979.	
E	29.	James F. Leary et al., "Real-Time Decision-Making for High-Throughput-Screening Applications," <i>Optical Diagnostics of Living Cells IV. Proceedings of SPIE</i> , Vol. 4260, pp. 219-225 (2001).	
Examiner Signature	SRIRAMA CHANNAVAJALA		Date Considered 4/10/2006

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<i>ls</i>	30.	Wolfgang Lehner, "Improving Query Response Time in Scientific Databases Using Data Aggregation - A Case Study," <i>Proc. Of 7<sup>th</sup> Int'l Workshop on Database and Expert Systems Appls.</i> , IEEE, pp. 201-208 (1996).	
<i>ls</i>	31.	Shira Levine, "In the Black," <i>America's Network</i> , p. 18, May 15, 2002.	
<i>B</i>	32.	David B. Lomet, "Subsystems of Processes with Deadlock Avoidance," <i>IEEE Transactions on Software Engineering</i> , Vol. SE-6, No. 3, May 1980.	
<i>ls</i>	33.	Mukesh Muhania, "Making aggregate views self-maintainable," <i>Data &amp; Knowledge Engineering</i> , 32 pp. 87-109, 2000.	
<i>ls</i>	34.	Kevin Reardon, "The Role of Data Archives in Synoptic Solar Physics," <i>Synoptic Solar Physics Conference, ASP Conference Series</i> , Vol. 140, pp. 467-474, 1998.	
<i>ls</i>	35.	Cyrus Shahabi et al., "An Adaptive Recommendation System without Explicit Acquisition of User Relevance Feedback," <i>Distributed and Parallel Databases</i> , 14, 173-192 (2003).	
<i>ls</i>	36.	Abraham Silberschatz et al., "A Family of Locking Protocols for Database Systems that Are Modeled by Directed Graphs," <i>IEEE Transactions on Software Engineering</i> , Vol. SE-8, No. 6, pp. 558-62, November 1982.	

Examiner Signature	SRIRAMA CHANNAVAJALA	Date Considered	4/10/2006
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